

FIG. 1

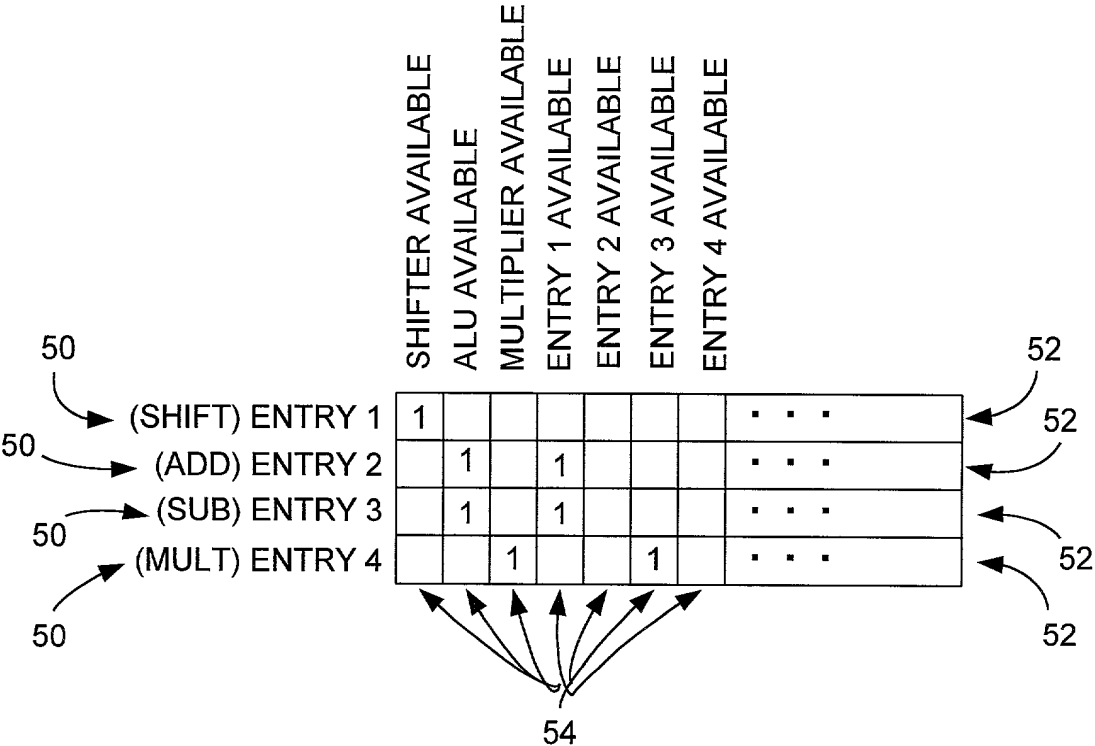


FIG. 4

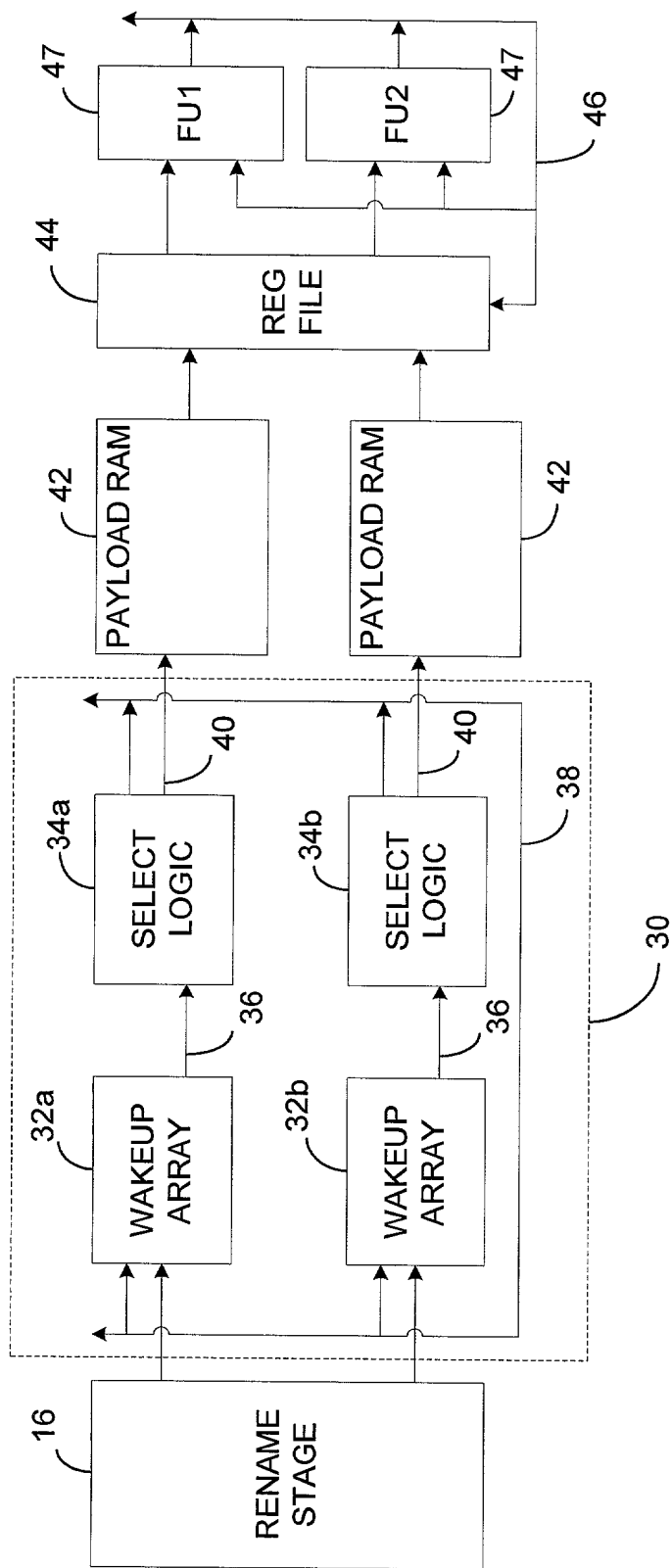


FIG. 2

SELECT-FREE DYNAMIC  
INSTRUCTION SCHEDULING

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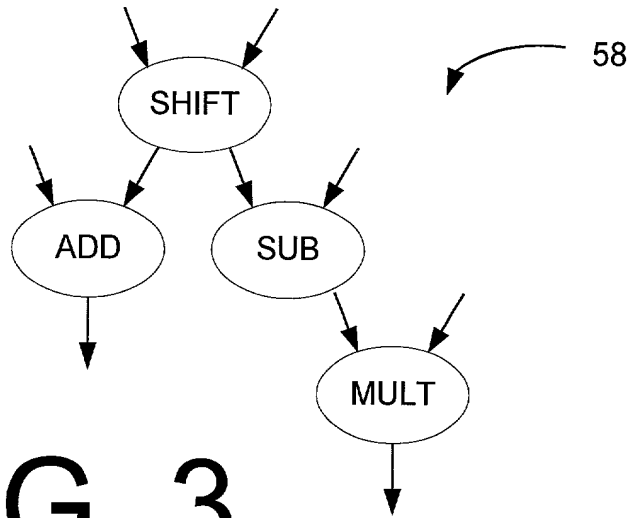


FIG. 3

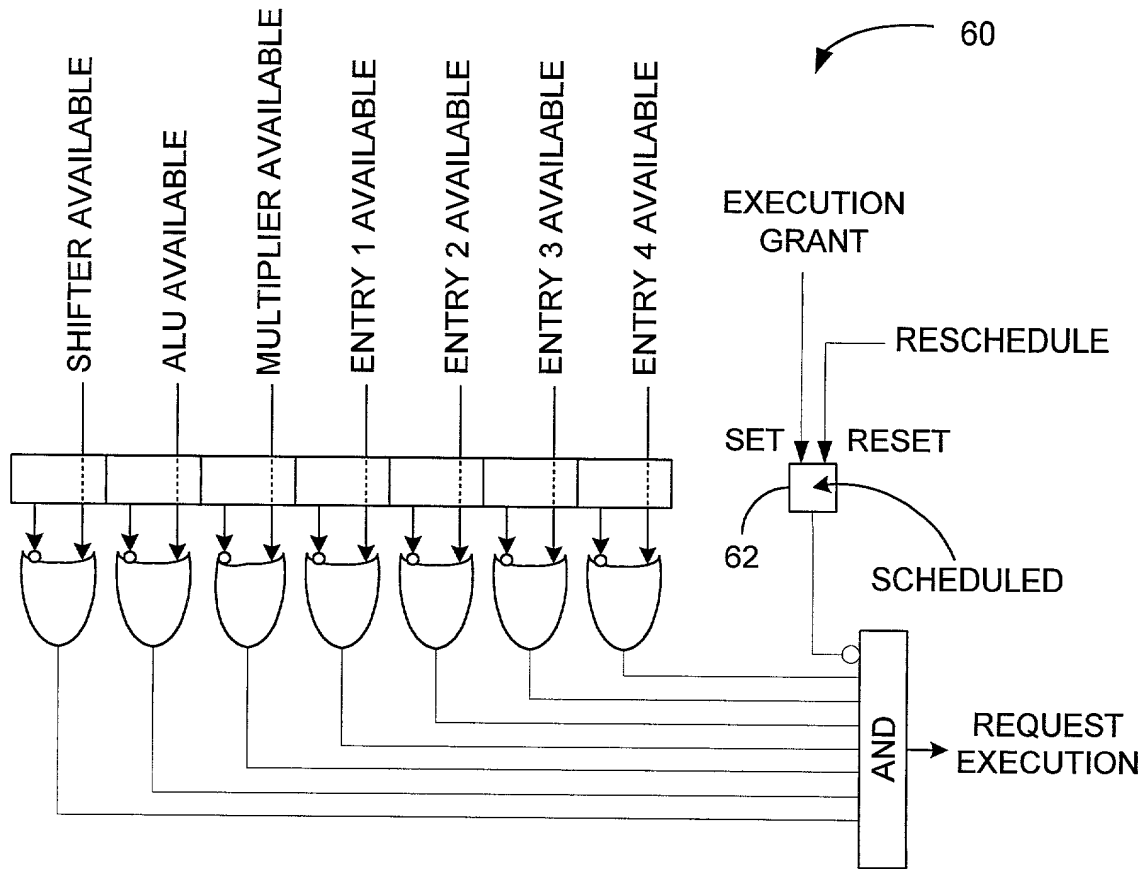


FIG. 5

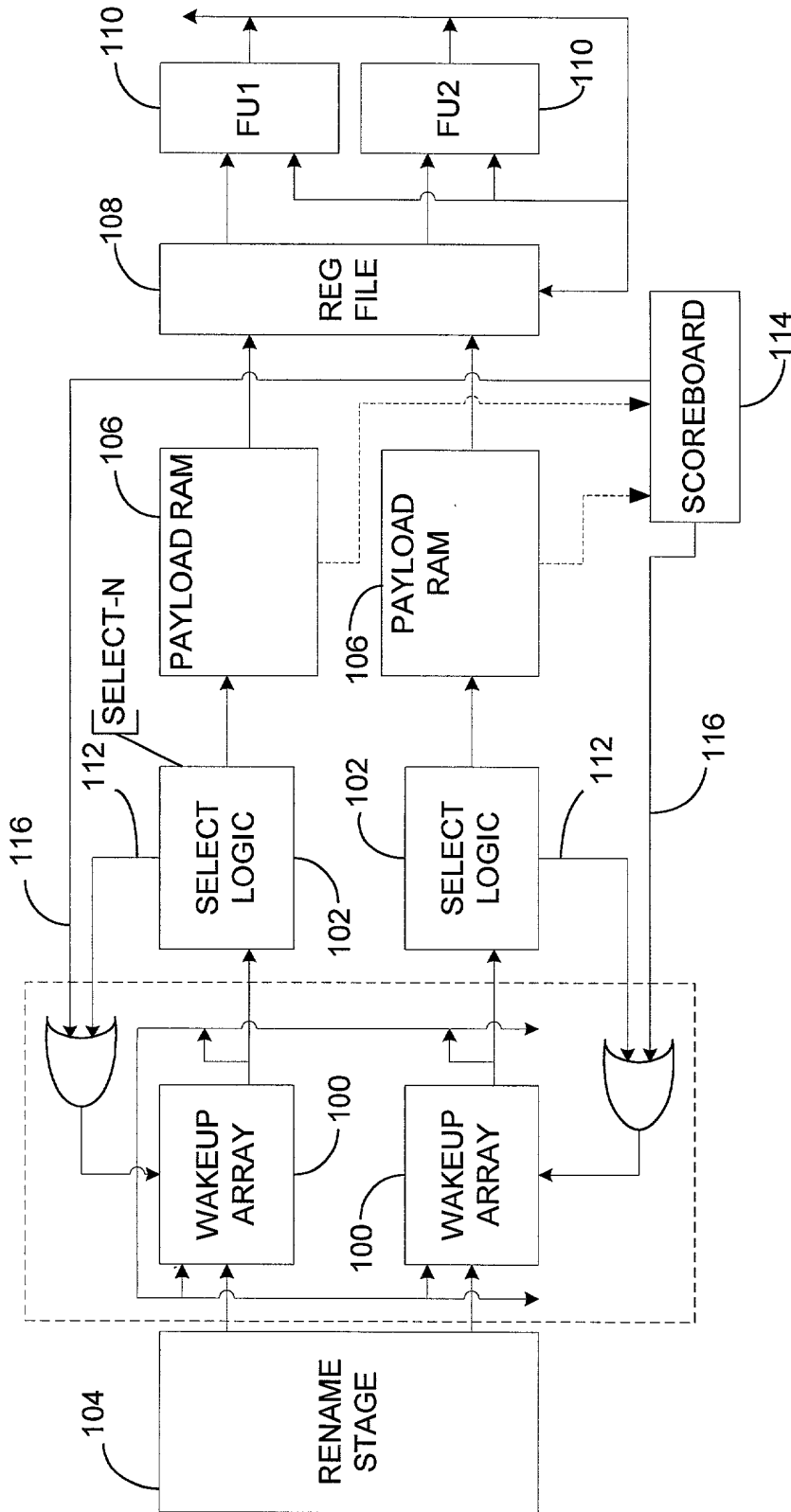


FIG. 6

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	SHIFTER AVAILABLE	ALU AVAILABLE	MULTIPLIER AVAILABLE	ENTRY 1 AVAILABLE	ENTRY 2 AVAILABLE	ENTRY 3 AVAILABLE	ENTRY 4 AVAILABLE	ENTRY 5 AVAILABLE	ENTRY 6 AVAILABLE	
(SHIFT) ENTRY 1	1									. . .
(SUB) ENTRY 3		1		1						. . .
(ADD) ENTRY 2		1		/						. . .
(MULT) ENTRY 4			1	/	1					. . .
(XOR) ENTRY 5		1		/	/	1				. . .
(NOT) ENTRY 6		1		/	/	/				. . .

FIG. 7

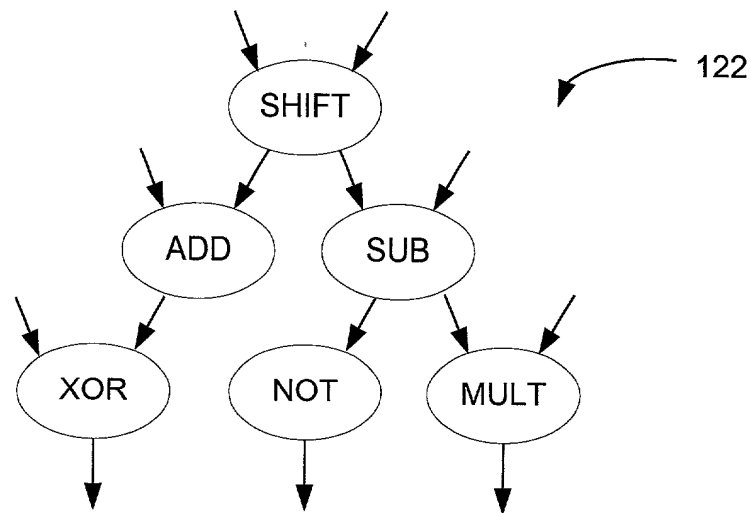


FIG. 8